

Name: _____ Date: _____ Algebra 1B Pd: _____

Mixed Factoring Practice

Directions: Factor each polynomial as completely as possible. Check your work.

1. $2x^2 + 7x - 4$

2. $192x^2 - 3$

3. $105y^2 - 110y + 25$

4. $45m^4 - 9m^3 + 30m^2 - 6m$

5. $16t^4 - 4t^2$

6. $54y^2 + 111y + 22$

7. $9x^2 + 64$

8. $h^2 - 15h + 56$

CHALLENGE: $x^2p + x^2p^5 + yp + yp^5$